

Work Order ID 150961

Monday, September 12, 2016 8:53:30 AM

150961

Page 1

Item ID: 646.9502

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/23/2016 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 9/30/2016 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: **DAS 21 9-89** Date: SEP 12 2016 Tooling: _____ Date: _____Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
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646.9500	N/C
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NOV 15 2016

DAS 6 9-89**DAS 21 9-89**

10-11-15

100	Document Control	0.00
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100

DOCUMENT CONTROL

DC	Memo	0.00
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Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP 646.9502

DAS 28 9-89

NOV 22 2016

110	Pick Kit	0.00
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110

Packaging	Memo	0.00
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Packaging

NOV 21 2016

DAS 27 6 9-89

120	QC4- 100% Inspect kits for completeness	0.00
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120

QC	Memo	0.00
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Quality Control

DAS 28 9-89

NOV 23 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Page 2

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Stop ***NS2***

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Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP 646.9502 Location :FG101								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.02							
Quality Control									

DAS DAS
27 28
9-89 9-89
NOV 23 2016DAS
21
9-89

NOV 23 2016

DAS
21
9-89

NOV 23 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Picklist Print

Monday, September 12, 2016 8:53:28 AM

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Work Order ID: 150961

150961

Parent Item: 646.9502

646.9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/23/2016

Required Date: 9/30/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 12.08.28 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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600.0990		Purchased	No			110	Each	30.0000	1	1			
600 0990 Magnabond 6398 Part A Size 112 ml 5/30/2017 DAS 28 9-89 NOV 22 2016 DAS 27 9-89													

Location	Loc Qty	Loc Code
CA2	23	
M135213	11	
M135600	12	
PKG	7	
M134167	1	
M134249	6	

600.0991		Purchased	No			110	Each	29.0000	1	1			
600 0991 Magnabond 6398 Part B Size 112 ml 5/30/2017 DAS 28 9-89 NOV 22 2016 DAS 27 9-89													

Location	Loc Qty	Loc Code
CA2	23	
m135213	11	
m135600	12	
PKG	6	
m134167	1	
m134249	5	

600.1012		Purchased	No			110	Each	23.0000	1	1			
600 1012 Sealant PR1425B2 (#654 sem) 01/01/2017 DAS 28 9-89 NOV 22 2016 DAS 27 9-89													

Location	Loc Qty	Loc Code
cck017	23	
m135407	5	
m135530	8	
m135600	10	

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Work Order update only ☐

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OTHER : _____																																																															

Picklist Print

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Page 2

Work Order ID: 150961

150961

Parent Item: 646.9502

646.9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/23/2016

Required Date: 9/30/2016

Start Qty: 1.00

Required Qty: 1.00

646.9601
646.9601
Upper Cutter Assembly
646.9603
646.9603
Lower Cutter Assy Low

DAS
28
9-89

DAS
28
9-89

Manufactured No

110 Each 0.0000

1 1

** 150959 NOV 22 2016

DAS
6
27
9-89

Manufactured No

110 Each 1.0000

1 1

** 150129 NOV 22 2016

DAS
6
27
9-89

Location

Loc Qty

Loc Code

CCK036

1

145277

1

Manufactured No

110 Each 0.0000

1 1

** 146598 NOV 22 2016

DAS
6
27
9-89

646.9810
646.9810
Deflector
646.9910
646.9910
Struts

DAS
28
9-89

DAS
28
9-89

Manufactured No

110 Each 9.0000

4 4

** NOV 22 2016

DAS
6
27
9-89

Location

Loc Qty

Loc Code

CCK014

9

146573

9

Manufactured No

110 Each 10.0000

1 1

** NOV 22 2016

DAS
6
27
9-89

647.0110
647.0110
Roof Doubler

Location

Loc Qty

Loc Code

CCK088

10

142622

10

Manufactured No

110 Each 12.0000

1 1

** NOV 22 2016

DAS
6
27
9-89

647.0111
647.0111
Panel

DAS
28
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK088

12

142691

12

DAS
6
27
9-89

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Page 2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Picklist Print

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Page 3

Work Order ID: 150961

150961

Parent Item: 646.9502

646.9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/23/2016

Required Date: 9/30/2016

Start Qty: 1.00

Required Qty: 1.00

647.0112
647 0112
Strut Bracket

Manufactured No

110 Each

6.0000

8 8

**

15/352x2
150 11/ x 6

NOV 21 2016
DAS 27
9-89

Location

Loc Qty

Loc Code

CCK107

6

142661

6

647.0113
647 0113
Strut Doubler

Manufactured No

110 Each

17.0000

2 2

**

NOV 21 2016
DAS 27
9-89

Location

Loc Qty

Loc Code

CCK089

17

142256

17

647.0114
647 0114
Clip

Manufactured No

110 Each

61.0000

1 1

**

NOV 21 2016
DAS 27
9-89

Location

Loc Qty

Loc Code

CCK107

61

106616

61

647.0115
647 0115
Clip

Manufactured No

110 Each

56.0000

1 1

**

NOV 21 2016
DAS 27
9-89

Location

Loc Qty

Loc Code

cc107

56

106617

56

647.0116
647 0116
Doubler

Manufactured No

110 Each

9.0000

2 2

**

NOV 21 2016
DAS 27
9-89

Location

Loc Qty

Loc Code

CCK107

9

126234

9

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Shop Packet Print

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐																
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐																
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Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐																
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____																			
Misidentified ☐	Past Due ☐																				

Picklist Print

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Work Order ID: 150961

150961

Parent Item: 646.9502

646.9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/23/2016

Required Date: 9/30/2016

Start Qty: 1.00

Required Qty: 1.00

647.0210

Manufactured No

110

Each

4.0000

1

1

647 0210

Rail

**

NOV 21 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK089

4

91440

4

647.0310

Manufactured No

110

Each

15.0000

2

2

647 0310

Channel

**

NOV 21 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK090

15

122989

1

144607

14

647.0410

Manufactured No

110

Each

2.0000

1

1

647 0410

Tube

**

NOV 21 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK107

2

145498

2

647.1210

Manufactured No

110

Each

11.0000

1

1

647 1210

Screen

**

NOV 21 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK107

11

138299

3

142727

8

DAS
28
9-89

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Page 4

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Picklist Print

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Work Order ID: 150961

150961

Parent Item: 646.9502

646 9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/23/2016

Required Date: 9/30/2016

Start Qty: 1.00

Required Qty: 1.00

AN3-10A

Purchased

No

110

Each

242.0000

8

8

AN3-10A

Bolt

**

NOV 2 1 2016

DAS 27
9-89
DAS 6
9-89

Location

Loc Qty

Loc Code

GA

2

m132763

1

m134573

1

over003

100

m135530

100

ST349

140

m134249

56

m134754

6

m134943

75

m135135

3

DAS 28
9-89

AN3-11A

Purchased

No

110

Each

125.0000

8

8

AN3-11A

Bolt

**

135767

NOV 2 1 2016

DAS 27
9-89
DAS 6
9-89

Location

Loc Qty

Loc Code

over003

100

m135390

100

ST349

25

m134852

25

DAS 28
9-89

AN3-3A

Purchased

No

110

Each

184.0000

1

1

AN3-3A

Bolt

**

DAS 27
9-89
DAS 6
9-89
NOV 2 1 2016

Location

Loc Qty

Loc Code

ST350

184

m135408

9

m135466

100

m135566

75

DAS 28
9-89

DQA: _____ Date: _____



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Picklist Print

Monday, September 12, 2016 8:53:29 AM

Work Order ID: 150961

150961

Parent Item: 646.9502

646 9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/23/2016

Required Date: 9/30/2016

Start Qty: 1.00

Required Qty: 1.00

AN743-13 Purchased No

110 Each 26.0000 1 1

AN743-13

Bracket

**

DAS 6 27
9-89 9-89
NOV 21 2016

Location

Loc Qty

Loc Code

ST330

26

1

M129732

26

12

CCR264SS3-04 Purchased No

110 Each 352.0000 12 12

CCR264SS3-04

Rivet

**

DAS 6 27
9-89 9-89
NOV 21 2016

Location

Loc Qty

Loc Code

CCK003

352

12

123785

352

8

CCR264SS-3-06 Purchased No

110 Each 41.0000 8 8

CCR264SS-3-06

Rivet

**

DAS 6 27
9-89 9-89
NOV 21 2016

Location

Loc Qty

Loc Code

ST321

41

8

m133988

41

4

CCR264SS3-2 CCR264SS3-02 Purchased No

110 Each 0.0000 4 4

CCR264SS3-2

Rivet, Cherry

**

DAS 6 27
9-89 9-89
NOV 21 2016

CR3212-4-4 CR3212-4-04 Purchased No

110 Each 0.0000 1 1

CR3212-4-4

CHERRY RIVET

**

DAS 6 27
9-89 9-89
NOV 21 2016

CR3212-5-4 Purchased No

110 Each 140.0000 8 8

CR3212-5-4

Cherry Rivet

**

DAS 6 27
9-89 9-89
NOV 21 2016

Location

Loc Qty

Loc Code

ST320

140

8

m133709

140

8

Monday, September 12, 2016 8:53:29 AM

Shop Packet Print

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Picklist Print

Monday, September 12, 2016 8:53:29 AM

Work Order ID: 150961

150961

Parent Item: 646.9502

646.9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/23/2016

Required Date: 9/30/2016

Start Qty: 1.00

Required Qty: 1.00

CR3213-4-05

Purchased

No

110

Each

148.0000

26

26

NOV 21 2016

CR3213-4-05

RIVET

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK007

100

m135407

100

ST319

48

m135464

48

110

Each

80.0000

14

14

**

NOV 21 2016

DAS
6
9-89

DAS
27
9-89

CR3213-4-1

Purchased

No

CR3213-4-1

Cherry Rivet

DAS
28
9-89

Location

Loc Qty

Loc Code

ST320

80

m133577

8

m134370

72

110

Each

112.0000

18

18

**

NOV 21 2016

DAS
6
9-89

DAS
27
9-89

CR3213-4-2

Purchased

No

CR3213-4-2

Cherry Rivet

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK003

100

m134058

100

ST320

12

123301

12

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____																																																																
Misidentified ☐	Past Due ☐																																																																	

Picklist Print

Monday, September 12, 2016 8:53:29 AM

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Work Order ID: 150961

150961

Parent Item: 646.9502

646.9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/23/2016

Required Date: 9/30/2016

Start Qty: 1.00

Required Qty: 1.00

CR3213-4-3

Purchased

No

110

Each

210.0000

18

18

CR3213-4-3

Rivet, Cherry

**

NOV 21 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK003

200

m135135

100

m135470

100

ST319

10

m131340

10

18

DAS
28
9-89

CR3213-4-4

Purchased

No

110

Each

441.0000

19

19

CR3213-4-4

Rivet, Cherry

**

NOV 21 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK003

400

M135408

100

M135536

300

ST319

41

M130388

35

M134962

6

19

DAS
28
9-89

CR3213-4-6

Purchased

No

110

Each

166.0000

20

20

CR3213-4-6

Rivet

**

NOV 21 2016

DAS
27
9-89

Location

Loc Qty

Loc Code

ST319

166

M131800

166

20

DAS
28
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td style="border: none;"></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																
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OTHER : _____																																																																				

Picklist Print

Page 9

Monday, September 12, 2016 8:53:29 AM

Work Order ID: 150961

150961

Parent Item: 646.9502

646 9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/23/2016

Required Date: 9/30/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042-08 MS21042L08 Purchased No

110 Each 33.0000 54 54

MS21042-08

USE MS21042L08

** 45X 135766 NOV 21 2016

DAS 27 9-89
DAS 6 9-89

Location

Loc Qty

Loc Code

ST304

25

122815

25

ST306

8

m130388

8

DAS 28 9-89

MS21042-3 MS21042L3 Purchased No

110 Each 0.0000 17 17

MS21042-3

Nut

** 135767 NOV 21 2016

DAS 27 9-89
DAS 6 9-89

MS21047-3 Purchased No

110 Each 177.0000 6 6

MS21047-3

Nut Plate

** 135774 NOV 21 2016

DAS 27 9-89
DAS 6 9-89

Location

Loc Qty

Loc Code

ST301

177

m135297

77

m135603

100

DAS 28 9-89

MS21059-3 Purchased No

110 Each 487.0000 2 2

MS21059-3

Nut Plate

** NOV 21 2016

DAS 27 9-89
DAS 6 9-89

Location

Loc Qty

Loc Code

CA

6

123301

6

ST301

481

123023

50

123900

431

DAS 28 9-89

NOV 21 2016

Monday, September 12, 2016 8:53:29 AM

Shop Packet Print

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
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Picklist Print

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Monday, September 12, 2016 8:53:29 AM

Work Order ID: 150961

150961

Parent Item: 646.9502

646.9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/23/2016

Required Date: 9/30/2016

Start Qty: 1.00

Required Qty: 1.00

MS21059L08

Purchased

No

110

Each

145.0000

4

4

MS21059L08

Nut

**

NOV 21 2016

DAS
6
27
9-89

Location

Loc Qty

Loc Code

ST300

145

m134634

45

m134943

100

MS24694-S8

Purchased

No

110

Each

87.0000

5

5

MS24694-S8

Screw

**

NOV 21 2016

DAS
6
27
9-89

Location

Loc Qty

Loc Code

ST285

87

M134654

87

MS27039-08-06

Purchased

No

110

Each

78.0000

4

4

MS27039-08-06

Screw

**

NOV 21 2016

DAS
6
27
9-89

Location

Loc Qty

Loc Code

ST278

78

m126249

78

MS27039-08-09

Purchased

No

110

Each

108.0000

4

4

MS27039-08-09

Screw

**

NOV 21 2016

DAS
6
27
9-89

Location

Loc Qty

Loc Code

ST278

108

m131317

16

m135536

92

DAS
28
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																																																										
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<table style="width:100%; border: none;"> <tr> <th colspan="4" style="text-align: left;">Root Cause</th> <th colspan="4" style="text-align: left;">FAULT CATEGORY</th> </tr> <tr> <td style="border: none;">Environment ☐</td> <td style="border: none;">☐</td> <td style="border: none;">No Re-verification</td> <td style="border: none;">☐</td> <td style="border: none;">Pressure/Forced</td> <td style="border: none;">☐</td> <td style="border: none;">Temperature/Cure</td> <td style="border: none;">☐</td> </tr> <tr> <td style="border: none;">Design ☐</td> <td style="border: none;">☐</td> <td style="border: none;">Operator</td> <td style="border: none;">☐</td> <td style="border: none;">Bending</td> <td style="border: none;">☐</td> <td style="border: none;">Set-up</td> <td style="border: none;">☐</td> </tr> <tr> <td style="border: none;">Doc/Data ☐</td> <td style="border: none;">☐</td> <td style="border: none;">Offset/Setup</td> <td style="border: none;">☐</td> <td style="border: none;">Centre Not Concentric</td> <td style="border: none;">☐</td> <td style="border: none;">BOM/Route</td> <td style="border: none;">☐</td> </tr> <tr> <td style="border: none;">Equip/Tooling ☐</td> <td style="border: none;">☐</td> <td style="border: none;">Supplier</td> <td style="border: none;">☐</td> <td style="border: none;">Cracks</td> <td style="border: none;">☐</td> <td style="border: none;">Broken/Damage/Defect</td> <td style="border: none;">☐</td> </tr> <tr> <td style="border: none;">Handling/Pre ☐</td> <td style="border: none;">☐</td> <td style="border: none;">Training</td> <td style="border: none;">☐</td> <td style="border: none;">Crimp/Kink/Ripple/Wave</td> <td style="border: none;">☐</td> <td style="border: none;">Inspection Incomplete/Unqualified</td> <td style="border: none;">☐</td> </tr> <tr> <td style="border: none;">Material ☐</td> <td style="border: none;">☐</td> <td style="border: none;">Use for Testing</td> <td style="border: none;">☐</td> <td style="border: none;">Cuffs</td> <td style="border: none;">☐</td> <td style="border: none;">Contamination</td> <td style="border: none;">☐</td> </tr> <tr> <td style="border: none;">Internal Transport ☐</td> <td style="border: none;">☐</td> <td style="border: none;">Poor Information</td> <td style="border: none;">☐</td> <td style="border: none;">Crushing</td> <td style="border: none;">☐</td> <td style="border: none;">Countersink</td> <td style="border: none;">☐</td> </tr> <tr> <td style="border: none;">Tribal Knowledge ☐</td> <td style="border: none;">☐</td> <td style="border: none;">Rushing</td> <td style="border: none;">☐</td> <td style="border: none;">Heat Treat</td> <td style="border: none;">☐</td> <td style="border: none;">Cut Too Short</td> <td style="border: none;">☐</td> </tr> <tr> <td style="border: none;">LOA ☐</td> <td style="border: none;">☐</td> <td style="border: none;">Product Improvement</td> <td style="border: none;">☐</td> <td style="border: none;">Wave/Twist in Tube</td> <td style="border: none;">☐</td> <td style="border: none;">Instructions Incomplete/Unclear</td> <td style="border: none;">☐</td> </tr> <tr> <td style="border: none;">Substation ☐</td> <td style="border: none;">☐</td> <td style="border: none;">Process Improvement</td> <td style="border: none;">☐</td> <td style="border: none;">Marks/Chatter</td> <td style="border: none;">☐</td> <td style="border: none;">Drill Holes</td> <td style="border: none;">☐</td> </tr> <tr> <td style="border: none;">Past Expiry Date ☐</td> <td style="border: none;">☐</td> <td style="border: none;">Manufacturing Process</td> <td colspan="5" rowspan="2" style="border: none;"></td> </tr> <tr> <td style="border: none;">Misidentified ☐</td> <td style="border: none;">☐</td> <td style="border: none;">Past Due</td> </tr> <tr> <td colspan="3" style="border: none;"></td> <td colspan="5" style="border: none;">OTHER :</td> </tr> </table>								Root Cause				FAULT CATEGORY				Environment ☐	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Design ☐	☐	Operator	☐	Bending	☐	Set-up	☐	Doc/Data ☐	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Equip/Tooling ☐	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Handling/Pre ☐	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Material ☐	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Internal Transport ☐	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Tribal Knowledge ☐	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	LOA ☐	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Substation ☐	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Past Expiry Date ☐	☐	Manufacturing Process						Misidentified ☐	☐	Past Due				OTHER :				
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			OTHER :																																																																																																															

Picklist Print

Monday, September 12, 2016 8:53:29 AM

Page 11

Work Order ID: 150961

150961

Parent Item: 646.9502

646.9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/23/2016

Required Date: 9/30/2016

Start Qty: 1.00

Required Qty: 1.00

MS27039-08-11

Purchased

No

110

Each

178.0000

43

43

MS27039-08-11

SCREW

**

NOV 21 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST278

178

m134676

178

MS27039-08-12

Purchased

No

110

Each

101.0000

2

2

MS27039-08-12

Screw

**

NOV 21 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST278

101

123352

1

124326

100

MS27039-08-13

Purchased

No

110

Each

118.0000

6

6

MS27039-08-13

Screw

**

NOV 21 2016

DAS
6
9-89

DA
27
9-89

Location

Loc Qty

Loc Code

ST278

118

124326

118

MS27039-1-08

Purchased

No

110

Each

279.0000

5

5

MS27039-1-08

Screw

**

NOV 21 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

FP001

63

m128636

63

GA

72

125654

1

m128636

71

ST281

144

m134762

144

Monday, September 12, 2016 8:53:30 AM

Shop Packet Print

Page 11

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐				
Misidentified ☐	Past Due ☐	OTHER : _____			

Picklist Print

Page 12

Monday, September 12, 2016 8:53:30 AM

Work Order ID: 150961

150961

Parent Item: 646.9502

646 9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/23/2016

Required Date: 9/30/2016

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-11

Purchased

No

110

Each

65.0000

5

5

MS27039-1-11

Screw

NOV 21 2016

DAS 6 27 9-89

DAS 28 9-89

Location

Loc Qty

Loc Code

GA

20

125654

13

9662

7

ST280

45

m134738

45

MS35842-11

Purchased

No

110

Each

20.0000

1

1

MS35842-11

Hose Clamp

NOV 21 2016

DAS 6 27 9-89

DAS 28 9-89

Location

Loc Qty

Loc Code

ST269

20

m134943

20

NAS1149F0332P

Purchased

No

110

Each

2,536.000

62

62

NAS1149F0332P

Washer

135948x31

DAS 6 27 9-89

DAS 28 9-89

Location

Loc Qty

Loc Code

GA

282

m133709

282

ST262

2254

m135058

254

m135544

2000

NOV 21 2016

3/

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____		MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition			
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐					
		OTHER : ☐ _____					

Picklist Print

Page 13

Monday, September 12, 2016 8:53:30 AM

Work Order ID: 150961

150961

Parent Item: 646.9502

646.9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/23/2016

Required Date: 9/30/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149FN832P

Purchased

No

110

Each

3,153.000

111

111

NAS1149FN832P

Washer

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

1553

M133316

16

M133769

89

M135058

1448

ST263

1600

M135603

1600

**

NOV 21 2016

DAS
27
6
9-89

NAS1835-08

Purchased

No

110

Each

24.0000

4

4

NAS1835-08

Insert

DAS
28
9-89

Location

Loc Qty

Loc Code

st549

24

m135127

24

**

NOV 21 2016

DAS
27
6
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

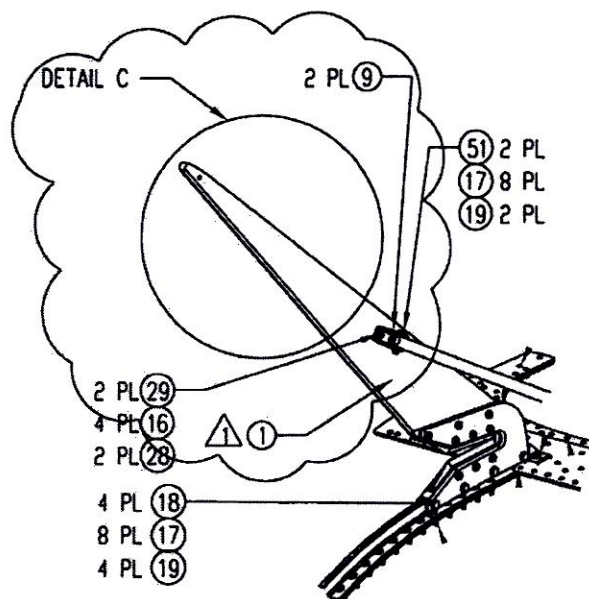
Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition			Completed By																		
							Lead hand / Supervisor Approval Verification																		
							QC / QA Coordinator Approval																		
Root Cause		FAULT CATEGORY																							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : _____																			

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03047				SHEET 1 OF 1	
	DWG NO. 646.9500	REV: NC	PREPARED BY J. JACKSON	DATE: 01/24/11	EFFECT ON DWG ☐ INC. ☒ UNINC.	
	DWG TITLE: 206 CABLE CUTTERS KIT					
APPROVED BY: ENGR <i>[Signature]</i>		MFG <i>[Signature]</i>	DC <i>[Signature]</i>	EFF: NEXT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: ADDED GPS MOUNT KIT, F/N 52. REVISED DRAWING VIEWS. ADDED NOTE <u>2</u> .				

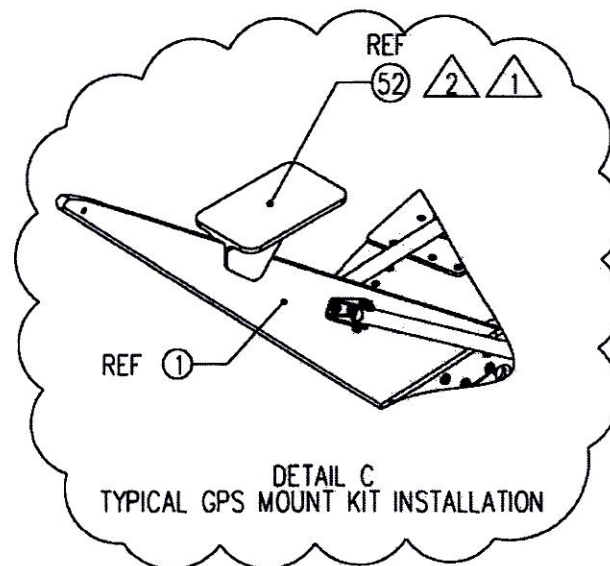
SHEET 1, ZONE B1 IS:

2 AT CUSTOMERS OPTION, INSTALL F/N 52 BY MATCH DRILLING ONTO F/N 1.

SHEET 2, ZONE A3 IS:

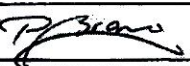
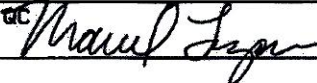


SHEET 2, ZONE B2 IS:



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO 150961 MJS
1609-12

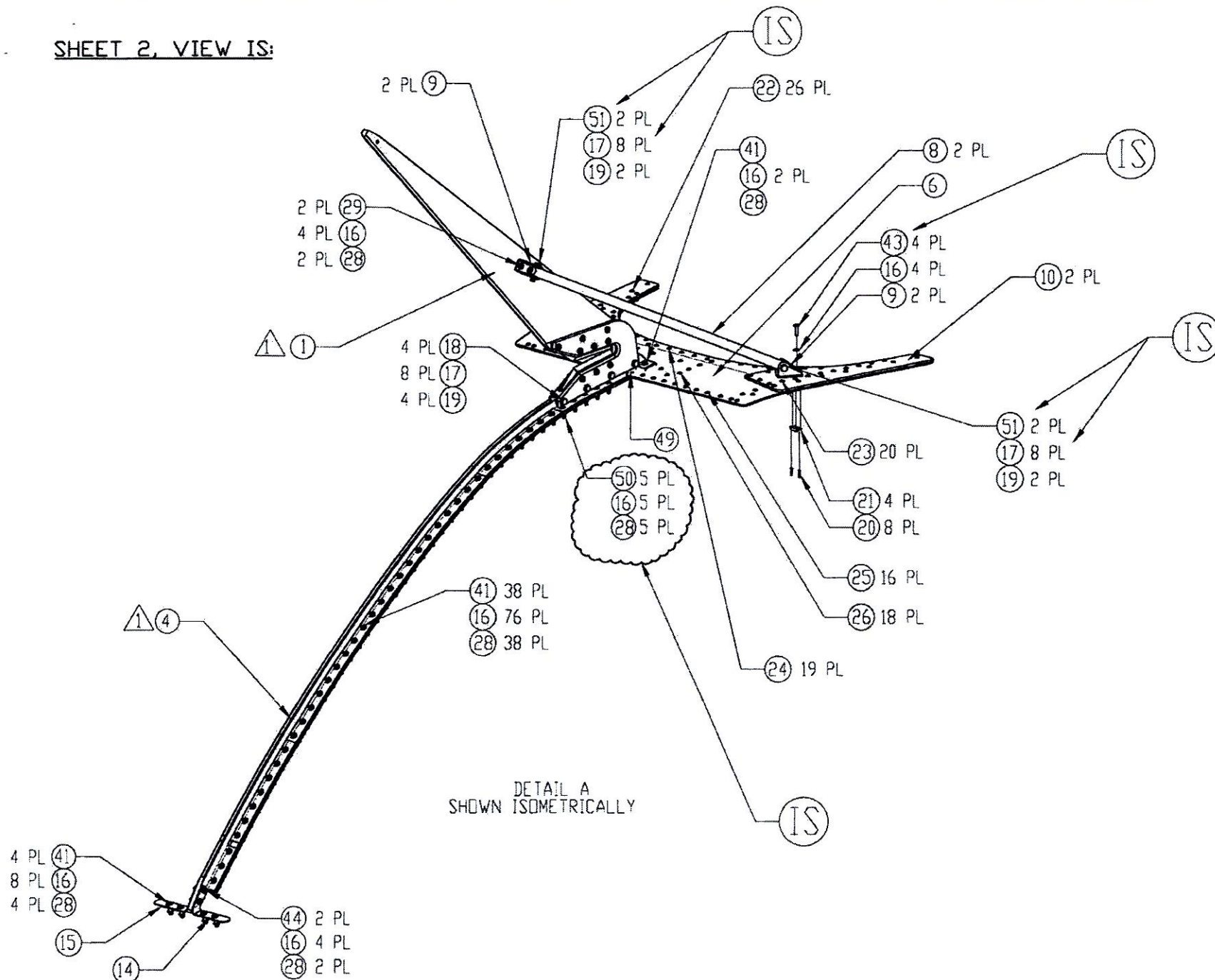
52	A	647.5701	REF	REF	GPS MOUNT KIT	<u>2</u>	
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL	SPECIFICATION
			.9502 .9501				
DOCUMENTS EFFECTED:						CHANGE CATEGORY	
☐ MDL ☐ INSTALL INSTRU ☐ ICA ☒ BOM						☐ MAJOR ☒ MINOR	
						DER REVIEW REQUIRED	
						☐ YES ☒ NO	

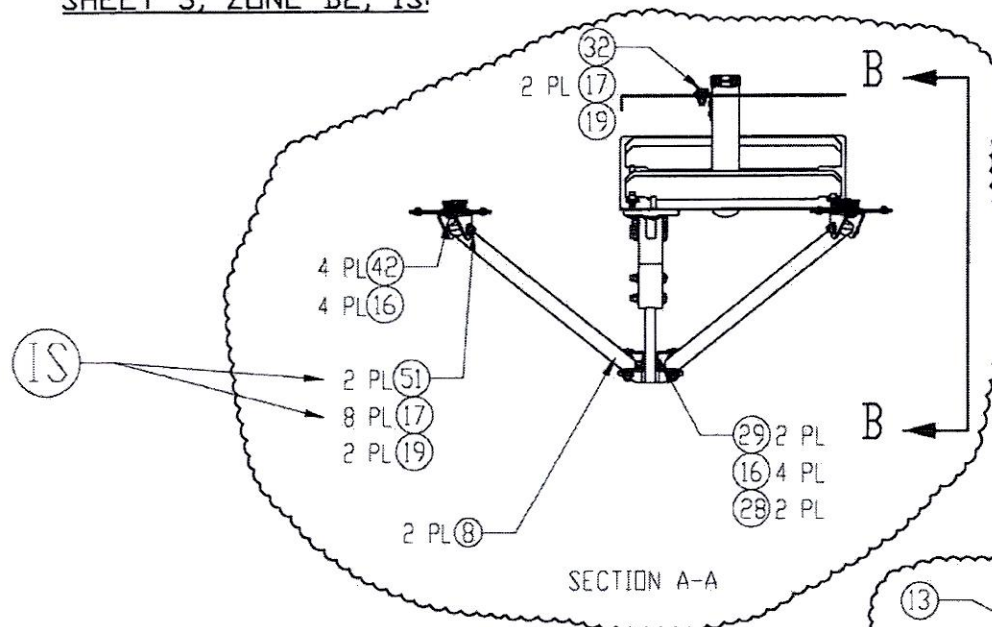
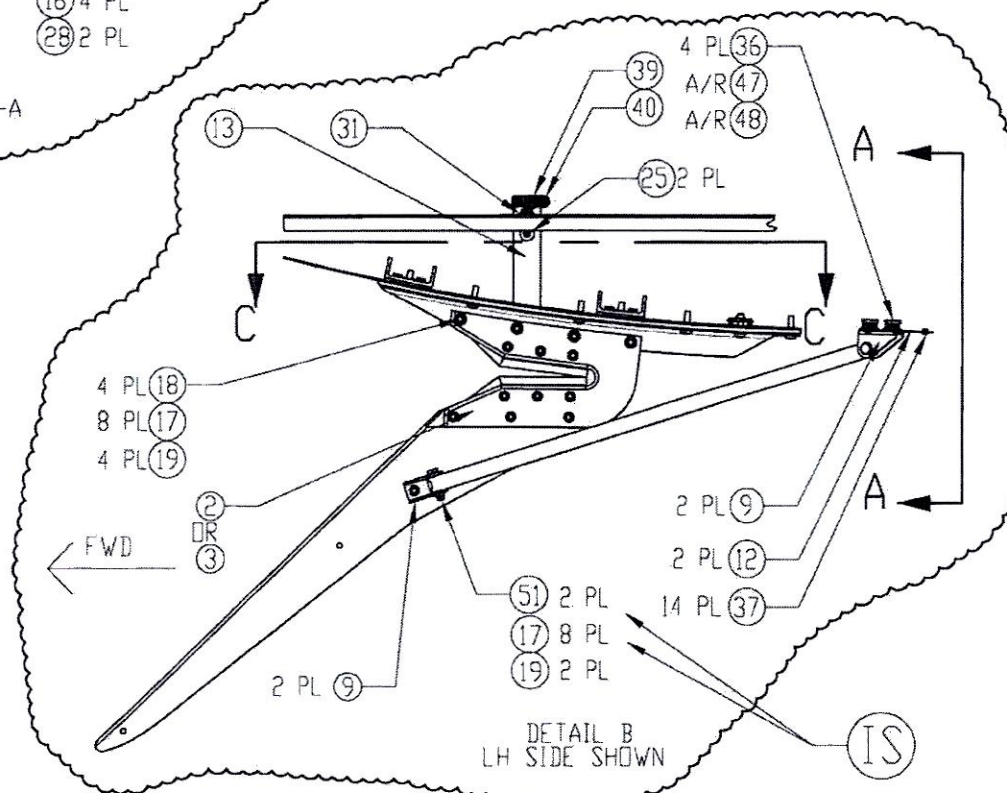
APICAL INDUSTRIES, INC.		ENGINEERING CHANGE NOTICE NO. 02736				SHEET 1 OF 1	
		DWG NO. 646.9500		REV: N/C	PREPARED BY S. HUFF	DATE: 01/06/10	EFFECT ON DWG ☐ INC. ☒ UNINC.
		DWG TITLE: 206 CABLE CUTTERS KIT					
		APPROVED BY:	ENGR 	MFG 	QC 	EFF:	CURRENT ORDER
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: CORRECTED PARTS LIST ERRORS					
17	R	601.1607	62	62	WASHER	NAS1149F0332P	
16	R	601.2764	111	111	WASHER	NAS1149FN832P	
			9502	9501			
F/N	TC	PART NUMBER	QTY	DESCRIPTION		MATERIAL/SPECIFICATION	
DOCUMENTS EFFECTED:						CHANGE CATEGORY ☐ MAJOR ☒ MINOR	
☐ MDL ☒ INSTALL INSTRU ☒ ICA ☐ FMS ☒ BOM						DER REVIEW REQUIRED ☐ YES ☒ NO	

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02729				SHEET 1 OF 3	
	DWG NO. 646.9500	REV: N/C	PREPARED BY S. HUFF	DATE: 12/23/09	EFFECT ON DWG ☐ INC. ☒ UNINC.	
	DWG TITLE: 206 CABLE CUTTERS KIT					
	APPROVED BY:	ENGR <i>[Signature]</i>	DEG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER	
TRANSACTION CODES (TC) A-ADD C-CREATE R-REVISE D-DELETE	REASON: HARDWARE REVISIONS FROM FIRST INSTALL					

51	A	601.3155	8	8	BOLT	AN3-10A
50	A	601.3153	5	5	SCREW	MS24694S8
41	R	601.2893	43	43	SCREW	MS27039-0811
28	R	601.2973	54	54	LOCKNUT	MS21042-08
18	R	601.2826	8	8	BOLT	AN3-11A
16	R	601.2764	127	127	WASHER	NAS1149FN832P
			9502	9501		
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED: ☐ MDL ☒ INSTALL INSTRUC ☒ ICA ☐ FMS ☒ BOM						CHANGE CATEGORY ☐ MAJOR ☒ MINOR DER REVIEW REQUIRED ☐ YES ☒ NO

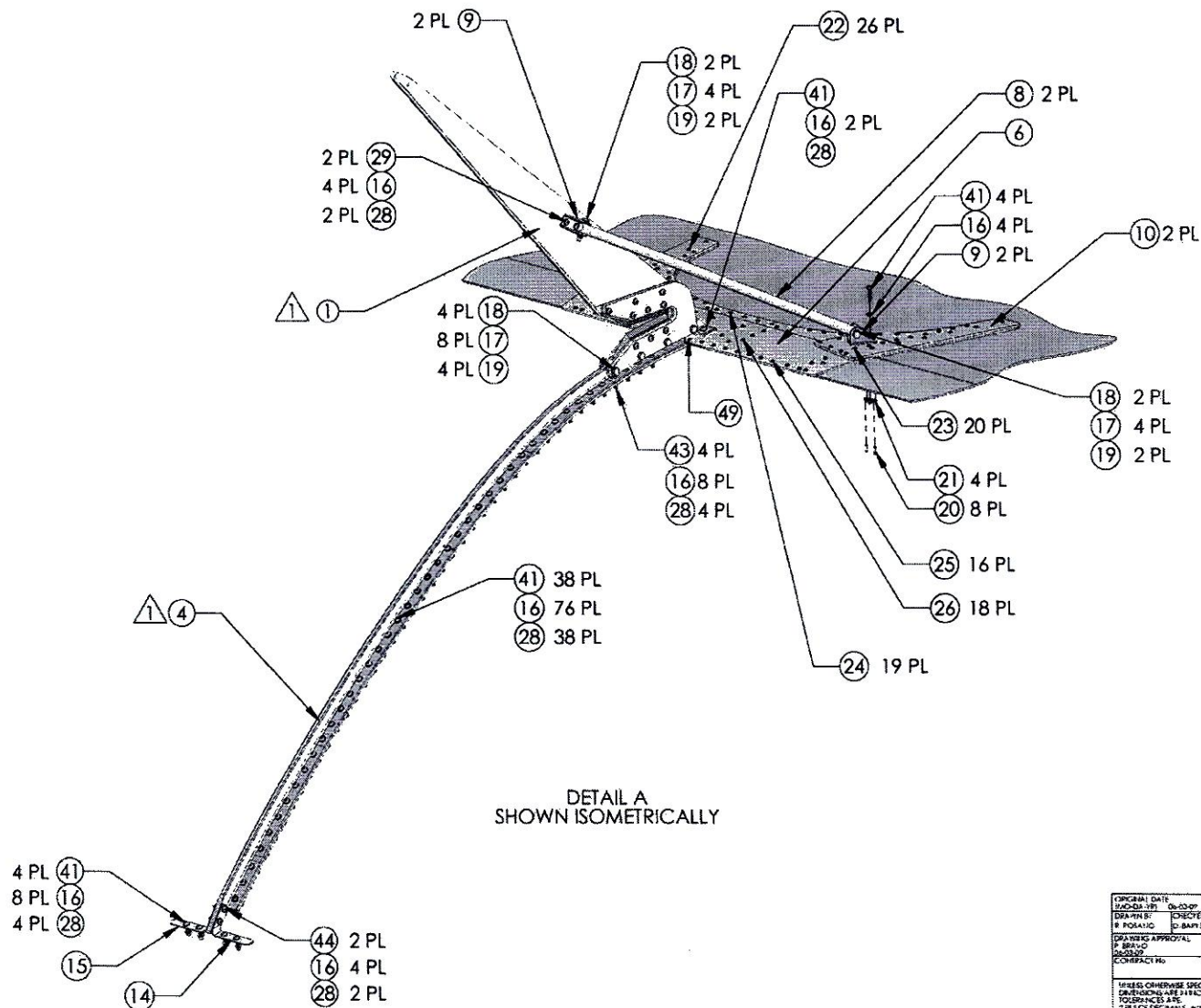
SHEET 2, VIEW IS:



SHEET 3, ZONE B2, IS:SHEET 3, ZONE D2, IS:

1902	1901	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
QTY				PARTS LIST		
NEXT ASSY (\$)	SPECIAL BULK (WOOD-11) 10-02-02 DRAWING: J. D. BAKER J. D. BAKER DRAWING APPROVAL: JB J. D. BAKER CHECKED BY: J. D. BAKER			APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300		
				206 CABLE CUTTERS KIT		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACES DECIMALS: .005 1 PLACE DECIMAL: .005 ANGLES: .1°				REV. 1 CAGE CODE: 07M26 DWG. NO. 646.9500 SCALE: NONE DESIGNED BY: J. D. BAKER CHECKED BY: J. D. BAKER		

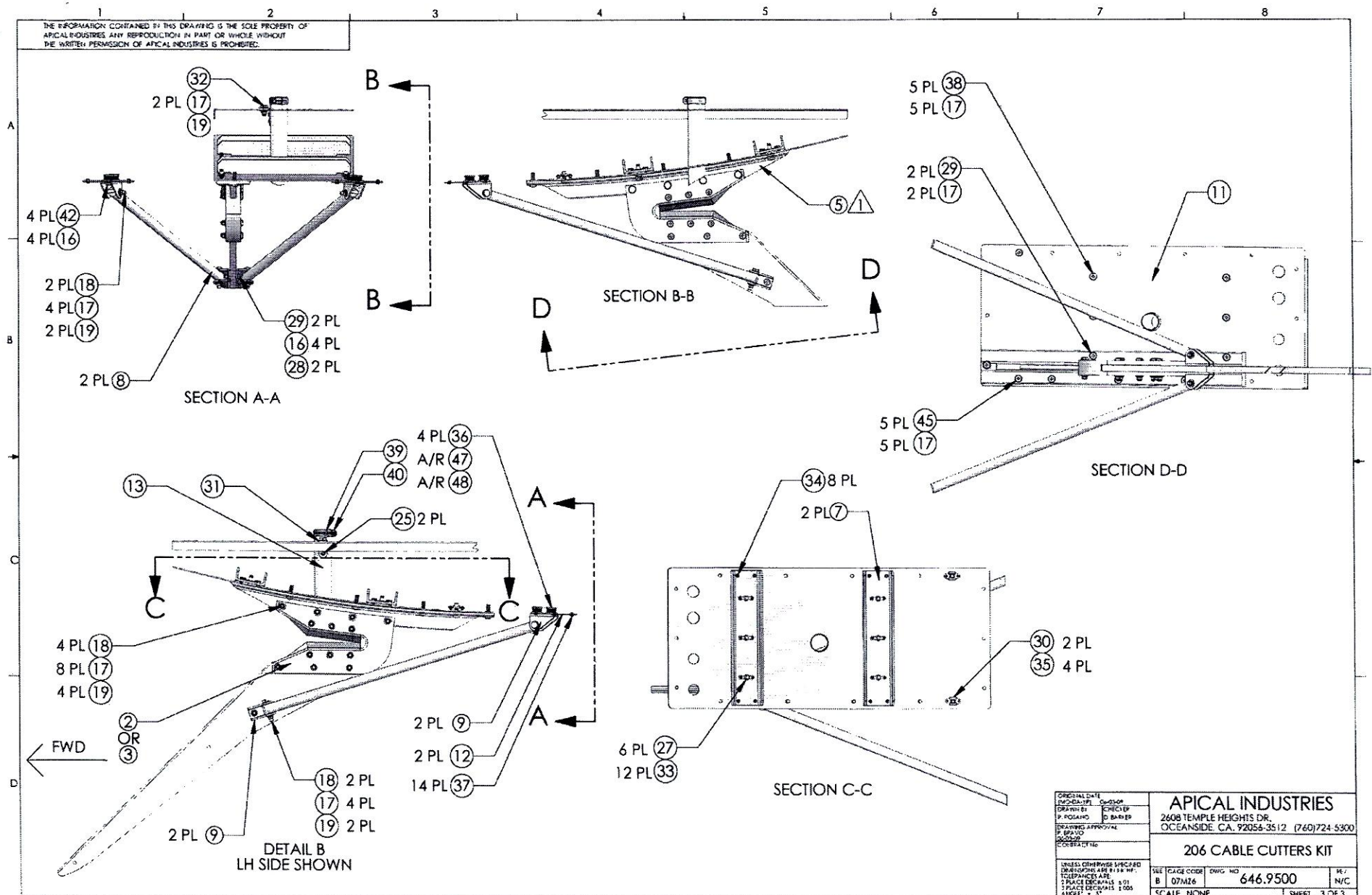
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION OF ANY PART OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



DETAIL A
SHOWN ISOMETRICALLY

ORIGINAL DATE: 01-10-01		APICAL INDUSTRIES	
DRAWN BY: J. B. BAKER		2608 TEMPLE HEIGHTS DR.	
CHECKED BY: J. B. BAKER		OCEANSIDE, CA 92056-3512 (760)724-5300	
DRAWING APPROVAL: J. B. BAKER		206 CABLE CUTTERS KIT	
CONTRACT NO.		SEE CAGE CODE	DWG NO.
UNLESS OTHERWISE SPECIFIED		B 07M26	646.9500
DIMENSIONS ARE IN INCHES		SCALE: NONE	SHEET 2 OF 3
TOLERANCES ARE:			
FRACTIONS: 1/16, 1/8, 1/4, 1/2, 3/4, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100			
DECIMALS: 0.0005, 0.001, 0.002, 0.003, 0.004, 0.005, 0.006, 0.007, 0.008, 0.009, 0.01, 0.0125, 0.015, 0.0175, 0.02, 0.025, 0.03, 0.0375, 0.04, 0.05, 0.0625, 0.075, 0.0875, 0.1, 0.125, 0.15, 0.175, 0.2, 0.25, 0.3, 0.375, 0.4, 0.5, 0.625, 0.75, 0.875, 1.0, 1.25, 1.5, 1.75, 2.0, 2.5, 3.0, 3.75, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 12.5, 15.0, 17.5, 20.0, 25.0, 30.0, 37.5, 40.0, 50.0, 60.0, 70.0, 80.0, 90.0, 100.0			
ANGLES: 1°, 2°, 3°, 4°, 5°, 6°, 7°, 8°, 9°, 10°, 11°, 12°, 13°, 14°, 15°, 16°, 17°, 18°, 19°, 20°, 21°, 22°, 23°, 24°, 25°, 26°, 27°, 28°, 29°, 30°, 31°, 32°, 33°, 34°, 35°, 36°, 37°, 38°, 39°, 40°, 41°, 42°, 43°, 44°, 45°, 46°, 47°, 48°, 49°, 50°, 51°, 52°, 53°, 54°, 55°, 56°, 57°, 58°, 59°, 60°, 61°, 62°, 63°, 64°, 65°, 66°, 67°, 68°, 69°, 70°, 71°, 72°, 73°, 74°, 75°, 76°, 77°, 78°, 79°, 80°, 81°, 82°, 83°, 84°, 85°, 86°, 87°, 88°, 89°, 90°, 91°, 92°, 93°, 94°, 95°, 96°, 97°, 98°, 99°, 100°			

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



ORIGINAL DATE 1/10/2011		DESIGNED BY P. ROSARIO		CHECKED BY D. BAKER	
APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA 92054-3512 (760)724-5300					
206 CABLE CUTTERS KIT					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 1 PLACE DECIMALS ±.005 ANGLES ±.5°					
SHEET 3 OF 3		CAGE CODE 07M26		DWG NO 646.9500	
SCALE NONE		REV N/C		SHEET 3 OF 3	

APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760)724-5300

206 CABLE CUTTERS KIT

REFERENCE ONLY

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

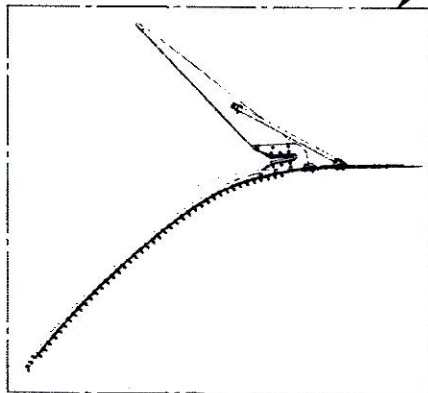
NOTES:

1 AFTER INSTALLATION, APPLY F/N 46 A/R TO FILL GAPS AND FILLET EDGES

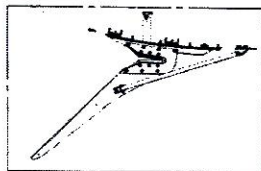
UNINCORPORATED ECN(S)

02729, 02736, 03047

DETAIL A



DETAIL B



QTY	FIND #	PART #	DESCRIPTION	MATL	SPEC.
1	1	49	601.1066 RIVET	CR3213-4-4	
1	1	48	600.0991 MAGNIBOND 6398 PART B		
1	1	47	600.0990 MAGNIBOND 6398 PART A		
1	1	46	600.1012 SEALANT	PP-1425 CLASS 1	
5	5	45	601.1949 SCREW	MS27039-0811	
2	2	44	601.2989 SCREW	MS27039-0812	
4	4	43	601.2987 SCREW	MS27039-0809	
4	4	42	601.3000 SCREW	MS27039-0804	

QTY	FIND #	PART #	DESCRIPTION	MATL	SPEC.
47	47	41	601.2893 SCREW	MS27039-0811	
1	1	40	601.2982 HOSE CLAMP	MS35842-11	
1	1	39	647.1210 SCREEN		
5	5	38	601.1621 SCREW	MS27039-1-28	
14	14	37	601.2979 RIVET	CR3213-4-1	
4	4	36	601.2984 INSERT	MS1835-08	
4	4	35	601.2277 RIVET	CR3213-4-4	
8	8	34	601.2983 RIVET	CR3212-4-4	
12	12	33	601.2980 NUTPLATE RIVET	CR3213-4-4	
1	1	32	601.2822 BOLT	ANS-3A	
1	1	31	601.2985 BRACKET	AN703-13	
2	2	30	601.1900 NUTPLATE	MS21059-3	
6	6	29	601.2988 SCREW	MS27039-0813	
53	53	28	601.2973 LOCKNUT	MS21045-08	
6	6	27	600.0795 NUTPLATE	MS21047-3	
18	18	26	601.0790 RIVET	CR3213-4-3	
18	18	25	601.1039 RIVET	CR3213-4-2	
19	19	24	601.1915 RIVET	CR3213-4-4	
20	20	23	601.2991 RIVET	CR3213-4-6	
26	26	22	601.1183 RIVET	CR3213-4-5	
4	4	21	601.2356 NUTPLATE	MS21059-08	
8	8	20	601.2981 NUTPLATE RIVET	CR3213-4-4	
17	17	19	601.2943 LOCKNUT	MS21045-3	
16	16	18	601.2826 BOLT	ANS-11A	
46	46	17	601.1607 WASHER	MS1114602309	
114	114	16	601.2764 WASHER	MS1114602309	
1	1	15	647.0115 CLIP		
1	1	14	647.0114 CLIP		
1	1	13	647.0410 TUBE		
2	2	12	647.0116 DOUBLER		
1	1	11	647.0111 PANEL		
2	2	10	647.0113 STRUT DOUBLER		
8	8	9	647.0112 STRUT BRACKET		
4	4	8	646.9910 STRUT		
2	2	7	647.0310 CHANNEL		
1	1	6	647.0110 ROOF DOUBLER		
1	1	5	647.0210 RAIL		
1	1	4	646.9810 DEFLECTOR		
1	1	3	646.9603 LOWER CUTTER ASSY LOW		
1	1	2	646.9602 LOWER CUTTER ASSY HIGH		
1	1	1	646.9601 UPPER CUTTER ASSY		
1	1	1	646.9502 206 CABLE CUTTERS KIT LOW		
1	1	1	646.9501 206 CABLE CUTTERS KIT HIGH		

QTY	FIND #	PART #	DESCRIPTION	MATL	SPEC.
1	1	1	646.9502 206 CABLE CUTTERS KIT LOW		
1	1	1	646.9501 206 CABLE CUTTERS KIT HIGH		

ORIGINAL DATE: 08/01/00
 DRAWN BY: P. BOHANNON
 CHECKED BY: D. BARBER
 APPROVAL: [Signature]
 CONTRACT NO.: [Blank]
 UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 TOLERANCES ARE:
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 HOLE 1/16" 0.005
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 HOLE 105 1/4" 0.005
 HOLE 105 1/2" 0.005
 HOLE 105 3/4" 0.005
 HOLE 106" 0.005
 HOLE 106 1/4" 0.005
 HOLE 106 1/2" 0.005
 HOLE 106 3/4" 0.005
 HOLE 107" 0.005
 HOLE 107 1/4" 0.005
 HOLE 107 1/2" 0.005
 HOLE 107 3/4" 0.005
 HOLE 108" 0.005
 HOLE 108 1/4" 0.005
 HOLE 108 1/2" 0.005
 HOLE 108 3/4" 0.005
 HOLE 109" 0.005
 HOLE 109 1/4" 0.005
 HOLE 109 1/2" 0.005
 HOLE 109 3/4" 0.005
 HOLE 110" 0.005
 HOLE 110 1/4" 0.005
 HOLE 110 1/2" 0.005
 HOLE 110 3/4" 0.005
 HOLE 111" 0.005
 HOLE 111 1/4" 0.0

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02729				SHEET 1 OF 3	
	DWG NO. 646.9500		REV: N/C	PREPARED BY S. HUFF	DATE: 12/23/09	EFFECT ON DWG ☐ INC. ☒ UNINC.
	DWG TITLE: 206 CABLE CUTTERS KIT					
	APPROVED BY:	ENGR <i>[Signature]</i>	MEG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER	
TRANSACTION CODES (TC) A-ADD C-CREATE R-REVISE D-DELETE		REASON: HARDWARE REVISIONS FROM FIRST INSTALL				

REFERENCE ONLY

51	A	601.3155	8	8	BOLT	AN3-10A
50	A	601.3153	5	5	SCREW	MS24694S8
41	R	601.2893	43	43	SCREW	MS27039-0811
28	R	601.2973	54	54	LOCKNUT	MS21042-08
18	R	601.2826	8	8	BOLT	AN3-11A
16	R	601.2764	127	127	WASHER	NAS1149FN832P
			9502	9501		
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED: ☐ MDL ☒ INSTALL INSTRUC ☒ ICA ☐ FMS ☒ BOM						CHANGE CATEGORY ☐ MAJOR ☒ MINOR
						DER REVIEW REQUIRED ☐ YES ☒ NO